

MEMORANDUM TO THE FILE

FROM : [REDACTED]
SUBJECT: Meeting with TSS on Mobile Equipment

12 SEP 1957

25X1A9a

On 11 September 1957, [REDACTED] of SEB/OC-E met with [REDACTED] of TSS in their office in the [REDACTED] Building. The purpose of the meeting was to determine TSS requirements for two-way mobile type VHF equipment.

25X1A9a

25X1A9a

25X1A6a

25X1A9a

[REDACTED] explained, to the parties present, that the Office of Communications wishes to standardize on certain types of VHF equipment to better facilitate support to RSS and O/C operations.

A discussion of the type operations performed in field use of VHF mobile equipment, by the Foreign Division, disclosed that it is difficult to ascertain, in advance, what exact type of equipment would best meet an operational requirement. It was agreed, however, that in order to best meet a requirement the equipment should be as flexible as possible.

TSS operational needs for two-way VHF communications equipment can be categorized as follows:

- a. Vehicular mounted VHF unit, Frequency modulated, in the range of 144 to 179 Mcs. Approximate 25 watt power output. Dash and trunk type mounts, quick disconnect.
- b. Base station unit compatible to the above to operate on 117 VAC 50/60 CPS current with the same approximate output.
- c. A walk unit, low power, suitable for concealment [REDACTED] compatible to the above units.

25X1C

25X1A9a

[REDACTED] indicated that the General Electric series 33 mobile units would aptly fit the requirements for a and b of above. However, a special power supply is necessary when using this unit on 50 CPS current otherwise it performs well as either a base station or vehicular mounted unit. Mr. [REDACTED]

25X1C

Office of Communications.

The problem of obtaining specified crystals for operation in the subject equipment was brought up. It was agreed that it would be impossible to predict the crystal frequency needed for a future operation and the necessity of obtaining proper crystals from manufacturers imposed a certain amount of delay. The possibility of providing crystals for the equipment through O/C crystal grinding facilities was discussed and [REDACTED] indicated that this could be worked out.

25X1A9a

[REDACTED] next discussed certain modifications that are made to the subject equipment before operational use. Such things as [REDACTED] fabrication for the insertion of a 'walk-unit' and cabling changes etc. to mobile equipment were mentioned. [REDACTED] felt that as O/C would provide equipment support O/C could also make the necessary modifications to the equipment. [REDACTED] felt that any decision to be made on this subject could not be made by them. [REDACTED] indicated that any alteration or modifications made to the equipment after issue by O/C was their prerogative, as they would accept full accountability.

25X1A9a
25X1C
25X1A9a
25X1A9a
25X1A9a

[REDACTED] brought up the desirability of distribution to TSS of Modification Work Orders prepared by OC-E. [REDACTED] agreed to be placed on distribution for future MWO's as various O/C standardized equipments could filter through their shop.

25X1A9a
25X1A9a

[REDACTED] at the present time, is preparing an evaluation of various VHF mobile and Utility units with the ultimate standardizing of one type in mind. Results of this evaluation will be forthcoming in the near future.

25X1A9a

25X1A9a

Distribution:

- Orig. & 1 - EES
- 1 - OC-O&T/SB
- 1 - Project file
- ✓ 2 - Monthly Report
- 1 - EES Chrono